

## **AMENDMENTS TO THE CLAIMS:**

1. (Currently Amended) A suspension stop for a motor vehicle wheel, comprising a suspension spring, a damper and a snubber, the stop comprising:

a top cup secured to a chassis of the vehicle, and providing an abutment for the snubber;

a roller bearing provided with a fixed top race secured to the top cup, a rotating bottom race fixed to the suspension spring, and rolling bodies disposed between the races; and

a device for measuring the forces applied to the vehicle wheel, the device comprising at least one deformation sensor which is associated with the ~~fixed member of the stop~~ top race so as to measure the deformations of the ~~member~~ top race caused by the forces applied, and a calculation means for calculating, from these deformations the corresponding forces applied.

2. (Previously Presented) The stop according to Claim 1, wherein the device is arranged to measure vertical forces applied to the vehicle wheel.

3. (Canceled)

4. (Currently Amended) The stop according to Claim 1, ~~[[3]]~~ further comprising ~~a top cup associated with the top race and adapted to be associated with the chassis, and~~ a bottom cup associated with the bottom race and providing an abutment for the spring.

5. (Canceled)

6. (Canceled)

7. (Currently Amended) The stop according to Claim 1, [[4]] wherein the bottom and top cups each comprise extensions which cooperate so as to form a static sealing means to protect the sensor or sensors.

8. (Currently Amended) The stop according to Claim 1, wherein the at least one deformation sensor is ~~chosen from amongst sensors comprising~~ selected from the group consisting of strain gauges based on piezoresistive elements, surface acoustic wave sensors and magnetic field sensors.